Special Issue

Deep Learning and Artificial Intelligence Methods for Diagnostics in Medical Imaging and Sensing

Message from the Guest Editors

Nowadays, the achievements in medicine and disease diagnosis based on sensors are extraordinary. Needless to say, progress would hardly be possible without the support of advanced technologies. The enormous possibilities in medical imaging and sensing, along with the development of medical image data handling methods, provide the foundations for helping patients and making people's health and quality of life significantly better. We are seeking to publish quality contributions to the field of uni- or multimodal medical image data analysis, the development of improvements in medical imaging quality, the diagnosis of diseases, supported or autonomous medical imagery data analysis, and many other vital areas. Prospective authors are invited to submit original manuscripts on sensors. Potential topics include but are not limited to:

- Sensor-based medical image processing;
- Computed tomography;
- Micro-computed tomography;
- Cone beam computed tomography;
- Optical coherence tomography;
- Magnetic resonance;
- Ultrasonography;
- Computer-aided diagnosis.

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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